Order-No.: DD+DIS020.00E

1 Piece QJQZR MA1

July 2000

ADC System Components

Processing Station

Installation Instructions

Please file this document in section 3
of your Technical Documentation.

Fresh Installation:

VIPS 1.1.05

for the ADC Processing Station

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1 General Information

The “Fresh Installation” is only necessary if you do not purchase the hardware of the Processing Station via AGFA.

If purchased via AGFA everything is installed and configured according to the order.

1.1 Software Prerequisites

ADC Compact DIGITIZER:	≥ COP_1215 + patch COPA1215; (Order No.: CM+9.5145.1050.2)
ADC Solo DIGITIZER	≥ SOL_1108 + patch SOLD1108; (Order No.: CM+9.5155.1050.2)
PRID (Preview & identification SW)	≥ PRID 1.1.07

1.2 Hardware Prerequisites

Experience has shown that 128 MB RAM is the absolute minimum for the Processing Station.

However, for a good performance (UI speed, UI stability) 256 MB RAM memory is recommended. The Processing Stations coming from AGFA are equipped with 256 MB RAM.

The system is only tested with 27 GB hard disk space for images. AGFA does not guarantee a smooth working, if more hard disk space for images is used.

At least a 2 GB HD is needed to store the Operating System and the Application (1 GB) plus approximately 150 images.

1.3 Required Time for the Installation

Approximately 45 minutes.

1.4 Release Environment

These versions on the hardcopy devices and the IMPAX Stations (and subsequent releases respectively) guarantee that all functions on the Processing Station are supported properly. Other combinations have not been tested and may result in restrictions in functionality.

LR5200	≥ LTP01901
LR5200 Controller	≥ AOS32946/C ≥ CAD32946/C ≥ ECU32947/C
DICOM	≥ DCM2.3.4/C
IMPAX	≥ R3.5_v.2.4.0/C

Connection to third party PACS-systems and printers are continuously enhanced.

Please follow the connectivity release notes to get the latest update.

2 Installation of VIPS 1.1.05

- Do not connect additional external hard disks or UPS at this time. The installation of these devices is described later on in this document.
- If you are not sure, that the for the installation necessary default ip_address 192.9.200.202 is used in the local network, disconnect the Processing Station from the Ethernet. This may cause the UNIX warning message “No carrier – cable disconnected or hub link test disabled” or alike. However, this does not influence the installation, but the installation time increases. This is due to the fact that the Processing Station continuously tries to get a connection to the network.
- The Processing Station software comprises of two CD-ROMs:
  - MIMOSA Operating System (SUN.A.0.6.01)
  - MIMOSA Software (VIPS1.1.05)

Installation Procedure

No.	Procedure Steps	Display / Comment
1.	• Switch on the Processing Station, the monitor and the connected tape streamer.	
2.	• When the monitor comes up, press <STOP> and <A> to get the "OK" prompt.	The following prompt appears: `Ok`
3.	• Insert the CD ROM with the MIMOSA Operating System Sun.A0601.	
4.	• Type **`boot cdrom`**	After 3 – 4 min. the following prompt appears: `Enter a selection:`
5.	• Select `1 install` and hit **<Return>** `2 Fresh` and hit **<Return>**.	The following line appears: `Install O.S. software from ./SYSTEM/SUN.A.0601 [yes,no,?,q]:`
6.	• Type **`Yes`**	The Solaris installation program starts. The following window appears: `The Solaris Installation Program`
7.	• Click **<Continue>**.	The following window appears: `Identify This System`
8.	• Click **<Continue>**.	The following window appears: `Host name`
9.	• Type **`vips`** and click **<Continue>**.	The following window appears: `Network Connectivity`

Do not use an other name than `vips` !

Adaptation to the local hostname occurs later on via the cpf-file.

No.	Procedure Steps	Display / Comment
10.	• Click **<Yes>** and **<Continue>**.	The following window appears only with ULTRA SPARC 1, if a fast Ethernet board is installed (Otherwise skip step 11): `Primary Network Interface` Here you can select **hme0 = 100 mB** autosensing or **le0 = 10 mB** onboard. We recommend to select hme0.
11.	• Click **<hme0>** and **<Continue>**.	The following window appears: `IP Address`

Do not use an other IP address than 192.9.200.202!

Otherwise the MIMOSA application does not start properly! Adaptation to the local IP address occurs later on via the CPF file.

12.	• Type **192.9.200.202** and click **<Continue>**.	The following window appears: `Confirm Information`
13.	• Check and if correct click **<Continue>**.	The following window appears: `Subnets`
14.	• Click **<No>** and **<Continue>**.	The following window appears: `Time Zone`

Adaptation to the local subnet address occurs later on via the cpf file.

15.	• Click **<Geographic region>** and **<set>**.	The following window appears: `Geographic region`
16.	• Select local **<Region>** and **<Time zone>** and click **<Continue>**.	The following window appears: `Date and Time`
17.	• Modify **<Date>** and **<Time>** if not correct click **<Continue>**.	The following window appears: `Confirm information`

18.	• Check and if correct click **<Continue>**.	The following line appears:
		`System identification is completed.`
		After a couple of minutes the following line appears:
		`Do you wish to continue this installation {yes or no} [yes]? (by default installation will continue in 60 seconds)`

19.	• Enter **<Yes>**	Installation continues

The Solaris OS installation lasts about 15 minutes. After it is finished, the Processing Station reboots automatically.

No.	Procedure Steps	Display / Comment

20.	• Automatic reboot	The reboot takes about 3 min. Then the following text is displayed:
		`**********`
		`* Please log on as root and enter:*`
		`* /mimosa.install *`
		`**********`
		`... ... mimosa install aborted.`
		`Hit <return> to continue`

21.	• Hit **<Return>**	The login prompt appears: `vips console login.`
22.	• Type **root**	The following prompt appears: `Password:`
23.	• Type in the root password.	The following prompt appears: #
24.	• Type **/mimosa.install**	The following line appears: `OK to run with option install [yes, no, ?, q]:`
25.	• Type **yes**	The installation of necessary OS patches starts. (`Hit enter to continue` may appear. Hit **<enter>** then) The CD-ROM is ejected after this step automatically. The following line appears: `***Put the CD into the CDplayer and hit <return>***`
26.	• Insert CD-ROM with MIMOSA Software VIPS1.1.05. Please wait a few seconds until the CD-ROM is mounted. • Press **<Return>**	The following line appears after 5-10 min.: `Install SW from ./MIMOSA/VIPS1105 [yes, no, ?, q]:`

27.	• Type **yes**	The following line appears (after about 10 minutes):
		`New disk detected on SCSI-ID 0 (Controller 0). Disk name = c0t0d0`
		`> Indicate the purpose of this disk (images/other)?`

28.	• Type **i**	The following line appears: `<Format & initialize the image disk.`
29.	• Type **yes**	The following line appears: `Ok to reboot:`

If further optional hard disks are connected, the procedure steps 28 and 29 repeat.
CD ROM is ejected at the end of the installation. Remove it.

No.	Procedure Steps	Display / Comment

30.	• Type **yes**	The system reboots.
		After 2-3 min the site data screen appears:
		`/ Name of Installer >`
		`/ Installation Date >`
		`/ Serial number >`
		`/ Site Address >`
		`/ Site name >`
		`/ Department name >`
		`/ Country >`
		`/ Comment >`

31.	• Fill in the installation data:	Serial number: 8 characters on the back of sun station, e.g. 637M1459. After filling in all the data the following line appears: `Any change (N/Y)?`
32.	• If all data is correct type **N**	Booting continues.

When the User Interface starts, the warning „NO LICENSE for MIMOSA Software“ appears.

33.	Unlock screen by entering the application password: ******	User Interface is active now. Continue with “3 Further Steps for Start up”

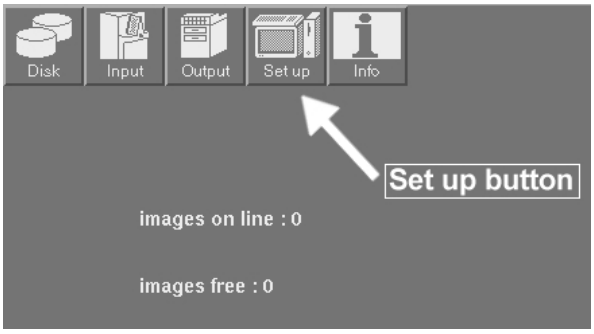
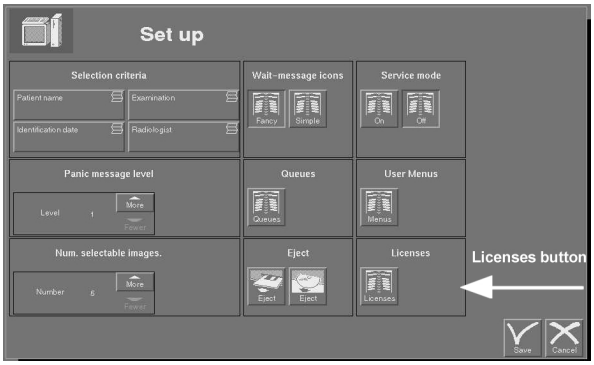
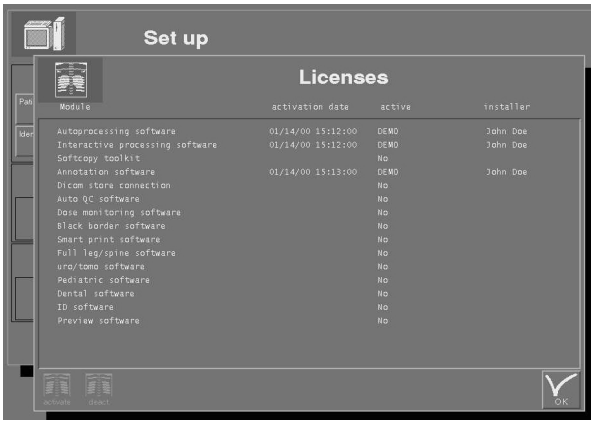
3 Further Steps for Start up

This chapter describes the further installation steps to finish up with the Fresh Installation:

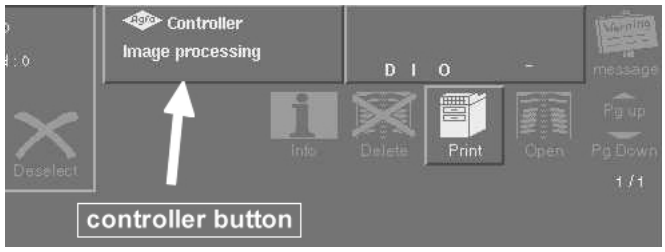
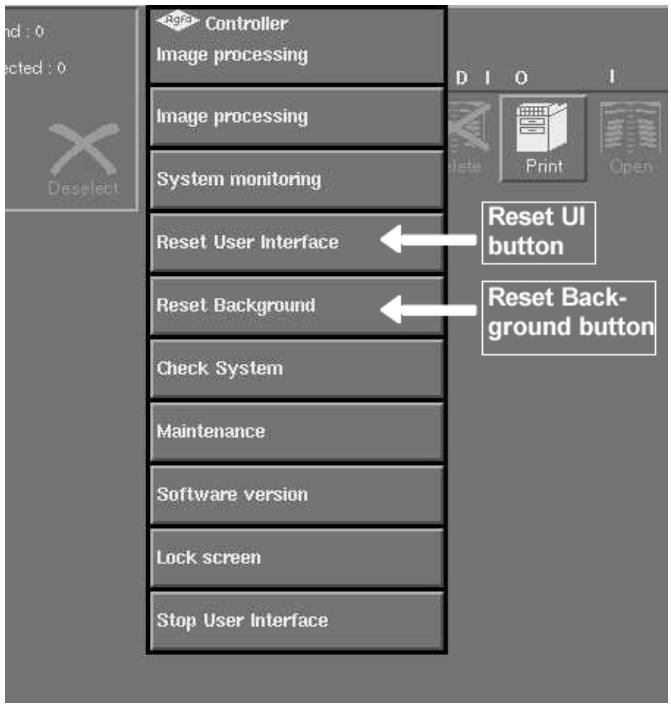
- Switching on the Licenses.
- Installing the Language Files.
- Installing the Configuration File adc.cpf. and adapting the Network Settings.
- Make the Ethernet connection.
- Create a site specific backup.

3.1 Switching on the Licenses

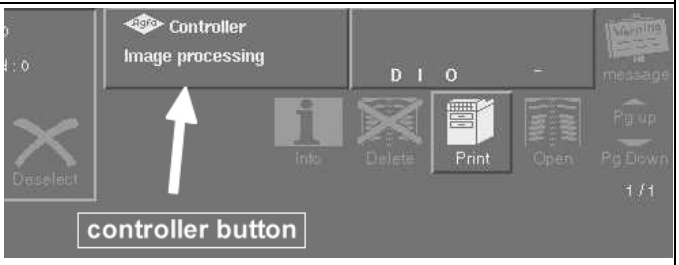
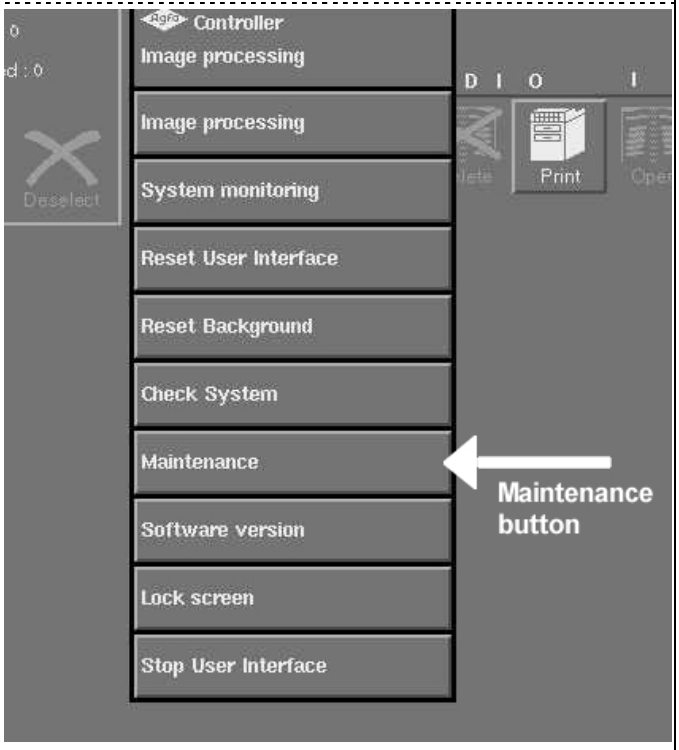
Licenses can be switched on permanently or in demo mode. Demo mode can be switched on only once and lasts for 30 days only.
A permanent license requires a license code which comes with the ordered software option.

No.	Procedure Steps	Display / Comment
		
1.	• click <Set up> in the User Interface	
2.	• click <Licenses>	

No.	Procedure Steps	Display / Comment
3.	• choose the ordered licenses and click **<Activate>**	
4.	• enter password **********	
5.	You have two possibilities to switch on a license: a) Permanent license enter <License number>* and <installer> b) Demo mode enter <installer> click **<Demo>**	*The license number is written on the license card delivered with the software.
6.	• click **<OK>**	

No.	Procedure Steps	Display / Comment
7.	• repeat step 3 – 6 for all desired options	
8.	• click <Controller>	
9.	• click <Reset Background> then click <Reset User Interface>	The User Interface is reset. After about 1 minute it comes back.

3.2 Installing the Language Files

No.	Procedure Steps	Display / Comment
1.	• insert floppy with language files for the Processing Station	
2.	• click **<Controller>**	

3.	• select **<Maintenance>** in the controller pull-down menu	`Maintenance password >`
		`Maintenance Password ok.`
		`No match`

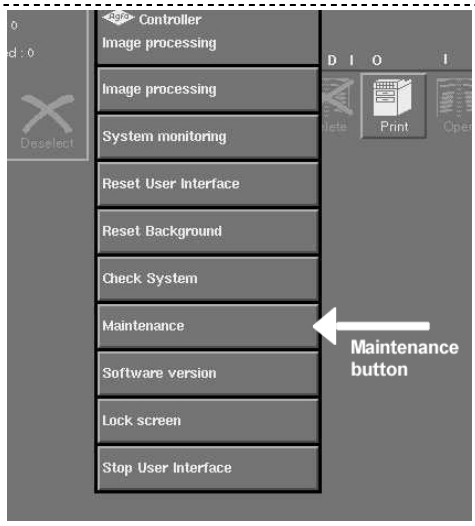
4.	• enter maintenance password and hit **<Return>**	`1 Connect  Connect via Telnet to a network node`
		`2 Install  Tools to setup DIPS/VIPS`
		`3 Repair  Tools to repair DIPS/VIPS`
		`4 Tools  UNIX Tools`
		`5 Help  Documentation about (V)DIPS`
		
		`Enter selection (// to exit) [?,??,q]:`

No.	Procedure Steps	Display / Comment
5.	• select: `2 install` and hit **<Return>** `7 languages` and hit **<Return>** `1 Copy all` and hit **<Return>**	The language files are copied now. Warning messages may appear. They can be ignored. After finishing the floppy is ejected automatically (ULTRA1) or the window **<Removable Media Manager>** appears (Ultra 10) and the floppy can be ejected manually.
6.	• remove floppy and click **<OK>**	The following prompt appears: `Enter selection:`
7.	• enter three times **q**	The MIMOSA User Interface appears again.

3.3 Installing the Configuration File adc.cpf and adapting the Network Settings

The cpf-file with the site specific network addresses incorporated must have been created in advance.

Changing of the cpf-file is only necessary if you integrate into an existing network. With a pure ADC network the default cpf-file (SHIPMENT.CPF) can be used and this installation step 3.3 can be skipped.

No.	Procedure Steps	Display / Comment
1.	• Insert the floppy disk with the configuration file ” adc.cpf”.	
2.	• click **<Controller>**	

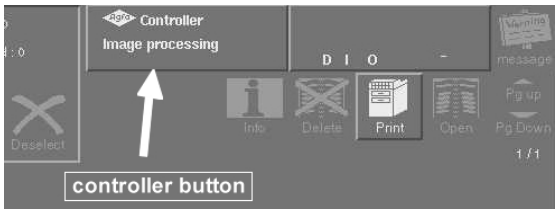
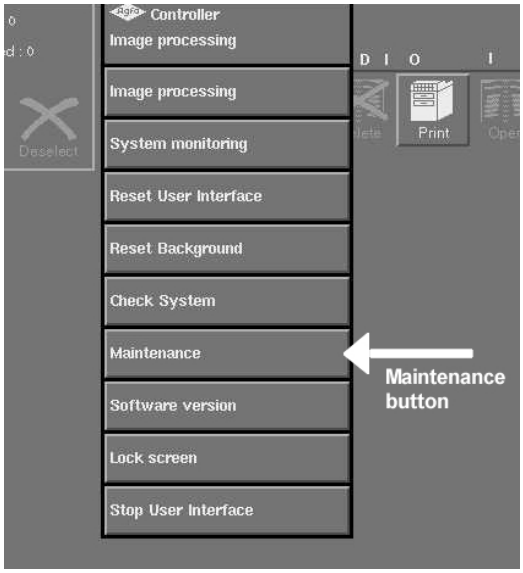
No.	Procedure Steps	Display / Comment
3.	• select **<Maintenance>** in the controller pull-down menu	Maintenance password > Maintenance Password ok. No match
4.	• enter maintenance password and hit **<Return>**	1 Connect Connect via Telnet to... 2 Install Tools to setup DIPS/VIPS 3 Repair Tools to repair DIPS/VIPS 4 Tools UNIX Tools 5 Help Documentation about (V)DIPS Enter selection (// to exit) [?,??,q]:
5.	• Select **2** Install and hit **<Return>** **1** Cpf-file and hit **<Return>** **2** from floppy and hit **<Return>**	OK to continue?
6.	• enter **yes**	Configuration file adc.cpf is copied and parsed. This may take a few minutes. After finishing the following line appears: Enter selection (//to exit) [?,??,q]
7.	• enter **q**	1 Cpf-file Tools to install ... 2 Software Software inst ... 3 Hardware Hardware inst... 4 Monitor Testimages to ... 5 Licenses License manager ... 6 TimeSettings Tools to change... 7 Languages Install and select... 8 Hostname Change hostname, ... 9 Backup Backup system data 10 Siteinfo Enter site address... Enter selection (// to exit) [?,??,q]:
8.	• Select **8** Hostname and hit **<Return>**	The procedure to change .... Are you ready to proceed?
9.	• enter **yes**	MIMOSA is stopped. A list of possible ip_addresses / hostnames is displayed. /NetConfig : Enter a number (<return> to reboot) >

No.	Procedure Steps	Display / Comment
10.	• Choose an ip_ address/hostname you want to set for the Processing Station (enter the number) and hit **<Return>**	`/NetConfig : OK to change to <...> (Y/N)`
11.	• Enter **yes**	`/NetConfig : Enter return to reboot the system.`
12.	• Hit **<Return>**	The Processing Station is rebooted now.
13.	• Connect the Processing Station to the Ethernet.	Configuration of the Processing Station is finished now.

3.4 Installation of external hard disks and UPS

For the installation of external hard disks and UPS see Section 9, Accessories.

3.5 Create a site specific backup

No.	Procedure Steps	Display / Comment
1.	• Insert an empty floppy disk.	
2.	• click **<Controller>**	

3.	• select **<Maintenance>** in the controller pull-down menu	`Maintenance password >`
		`Maintenance Password ok.`
		`No match`

No.	Procedure Steps	Display / Comment
4.	• enter maintenance password and hit **<Return>**	1 Connect Connect via Telnet to a... 2 Install Tools to setup DIPS/VIPS 3 Repair Tools to repair DIPS/VIPS 4 Tools UNIX Tools 5 Help Documentation about (V)DIPS Enter selection (// to exit) [?,??,q]:
5.	• Select **2** Install and hit **<Return>** **9** Backup and hit **<Return>** **1** SiteSpecific and hit **<Return>**	The following lines will appear: 00/02/02 08:39:50 SaveAreaCreate begins ... . . Save Area backup on floppy or tape [floppy,tape,?,q]
6.	• enter **f** for floppy	The following line appears if you did not already insert a floppy disk: Put the floppy into the drive and hit <return>
7.	• Insert an empty floppy disk (if not already in) and hit **<Return>**	The following text appears: SaveAreaCreate begins ... .. SaveAreaBackup exiting 1 SiteSpecific Save site... 2 Software Backup of... 3 Complete Dump comple... Enter selection (// to exit) [?,??,q]:
8.	• Enter **q** Enter **q**	The following lines appear: 1 Connect Connect via... 2 Install Tools to... 3 Repair Tools to... 4 Tools UNIX Tools 5 Help Documentation... Enter selection (// to exit) [?,??,q]:
9.	• Select **4** Tools and hit **<Return>** **8** FloppyEject and hit **<Return>**	The floppy disk can be removed now.

No.	Procedure Steps	Display / Comment
10.	• Enter `q` Enter `q`	The Maintenance Menu will be closed. Label the floppy.
11.	**SaveArea backup of <*hostname*>** **For version: VIPS.1.1.05** **Name: <*Enter your name*>** **Date: <*Enter current date*>**	Installation is finished now. Store the floppy disk with the SaveArea backup in a save place onsite.